

Table 6-1
Allowable COC Concentrations in Surface Water

Chemical of Concerns	Target Concentrations in Surface Water (mg/L)					
	Protection of Aquatic Life	Human Health Protection – Fish Consumption	Drinking Water Supply	Irrigation	Livestock and Wildlife Watering	Whole-body Contact Recreation
Benzene	---	0.071	0.005	---	---	---
Toluene	---	200	1	---	---	---
Ethylbenzene	0.32	---	0.70	---	---	---
Xylenes (mixed)	---	---	10	---	---	---
Ethylene Dibromide (EDB)	---	---	0.00005	---	---	---
Ethylene Dichloride (EDC)	---	0.099	0.005	---	---	---
Methyl-tert-butyl-ether (MTBE)	---	---	---	---	---	---
Acenaphthene	---	2.7	1.2	---	---	---
Anthracene	---	110	9.6	---	---	---
Benzo(a)anthracene	---	0.000049	0.0000044	---	---	---
Benzo(a)pyrene	---	0.000049	0.0002	---	---	---
Benzo(b)fluoranthene	---	0.000049	0.0000044	---	---	---
Benzo(k)fluoranthene	---	0.000049	0.0000044	---	---	---
Chrysene	---	0.000049	0.0000044	---	---	---
Dibenzo(a,h)anthracene	---	0.000049	0.0000044	---	---	---
Fluoranthene	---	0.37	0.30	---	---	---
Fluorene	---	14	1.3	---	---	---
Naphthalene	---	---	0.02	---	---	---
Pyrene	---	11	0.96	---	---	---
TPH-GRO	---	---	---	---	---	---
TPH-DRO	---	---	---	---	---	---
TPH-ORO	---	---	---	---	---	---
Tertiary-amyl-methyl-ether (TAME)	---	---	---	---	---	---
Tertiary-butyl- alcohol (TBA)	---	---	---	---	---	---
Ethyl-tert-butyl-ether (ETBE)	---	---	---	---	---	---
Diisopropyl ether (DIPE)	---	---	---	---	---	---
Ethanol	---	---	---	---	---	---
Methanol	---	---	---	---	---	---

---: Not available

Note that target concentrations for metals are hardness dependent; refer to 10 CSR 20-7, Table A for allowable concentrations.